

Additional Applications



Suspension Kit equipped with Full Length Adjustability and 32 Levels of Damping Force Adjustments. Wide range adjustability can finely balance driving performance and ride quality to meet your needs from the street to the circuit.

(Vehicle)	(Model Year)	(Model)	(E/G Model)	(MSRP w/tax)	(MSRP)	(Code No.)	(JAN Code)
TOYOTA							
CROWN HYBRID	18/06-	GWS224	8GR-FXS	¥169,560	¥157,000	92511	4959094925118



Front: -23mm Down / Rear: -15mm Down

Product Specification		
	Front	Rear
Damping Force Adjustability	32 Levels	32 Levels
Length Adjustment	○	○
Shock Absorber Structure	Coilovers	Separate
Upright or Inverted	Upright	Upright
Upper Mount	Reinforced Rubber	Reinforced Rubber
Spring Rate kgf/mm	10.0	8.0
Free Length of Spring mm	220	220
Spring Type※	ST	ST
Ride Height Adjustability mm	-65 ~ 0	-40 ~ 0
Remarks	200mm extension dials are included.	

※Abbreviation for Spring Types 「ST:ID62 Straight Spring」, 「BS:Barrel or Tapered, Vehicle Specific Springs」

※Adjustability in ride height may vary between vehicles.

Information on Verification Test Vehicle

This product has been tested on the following vehicle.

Data taken from in house measurements.

Measurements for the vehicle height may differ depending on the vehicle's grade and options.

The distance from the ground to fender may differ even when your vehicle is set at the same measurements as the test vehicle.

Please use the following data as a reference and adjust your vehicle height accordingly.

確認車両データ (Information on Verification Test Vehicle)		
車名/型式/グレード (Vehicle Name/Model/Grade)	CROWN HYBRID / GWS224 / RS ADVANCE	
	フロント (Front)	リア (Rear)
車重[kg] (Vehicle Weight)	1000	870
レバー比 (Lever Ratio)	1.1	ショック:0.9 スプリング:1.3 (Shock Absorber) (Spring)
タイヤサイズ (Tire Size)	225/45/R18	225/45/R18
ホイールサイズ (Wheel Size)	18インチ × 8.0J インセット 45 (INCHES) (INSET)	18インチ × 8.0J インセット 45 (INCHES) (INSET)
スプリングデータ (Spring Data)		
スプリングバネレート[kgf/mm] (Spring Rate)	10.0	8.0
スプリング自由長[mm] (Free Length of Spring)	220	220
スプリング内径【】は外径 (Spring Inner Diameter 【Outer】)	φ 62	φ 62
アライメントデータ (Alignment Data)		
トー [純正值] (Toe [Stock Measurements])	+0° 01' [0 ± 2.0mm]	-0° 02' [2.0 ± 2.0mm]
キャンバー [純正值] (Camber [Stock Measurements])	-1° 16' [-0° 25' ± 0° 45']	-2° 36' [-1° 35' ± 0° 45']
キャスター [純正值] (Caster [Stock Measurements])	7° 25' [-7° 25' ± 0° 45']	-
車高データ (Vehicle Height Data)		
地面～フェンダー[mm] (Ground～Fender [mm])	677	663
純正からのダウン量[mm] (Difference from Stock [mm])	-23	-15
車高調整範囲[mm] (Ride Height Adjustability [mm])	-65 ~ 0	-40 ~ 0
減衰力データ (Damping Force Data)		
開発時減衰力 (Damping Force during Development)	10	10

■Precautions During Installation

- The front damping force adjustment dials and the engine cover will come in contact.

Please modify the engine cover for proper installation.

- 200mm extension dials are included for the rear. The trunk interior must be modified to install them.

※The extension dials do not need to be installed.

However if it's not installed the trunk interior must be removed to access the damping force adjustment dials.

- The product can be installed on vehicles equipped with AVS but its function will not be available.

※Vehicle warning indicators will not turn on.

■Other Remarks

- Compatibility with HYBRID 3.5L models has been confirmed.
 - Cornering performance is enhanced by limiting vehicle roll.
 - Lower your vehicle for a stylish look.
 - High speed stability can be improved by increasing the damping force.
 - The product has been tested to work with vehicles equipped with Toyota Safety Sense.
- ※Please understand that we cannot not ensure Toyota's safety mechanism to properly function.